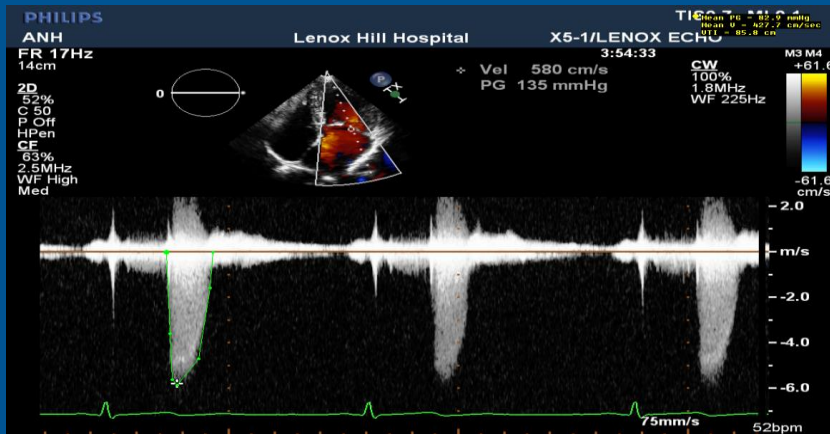


The CW transducer is at the apex

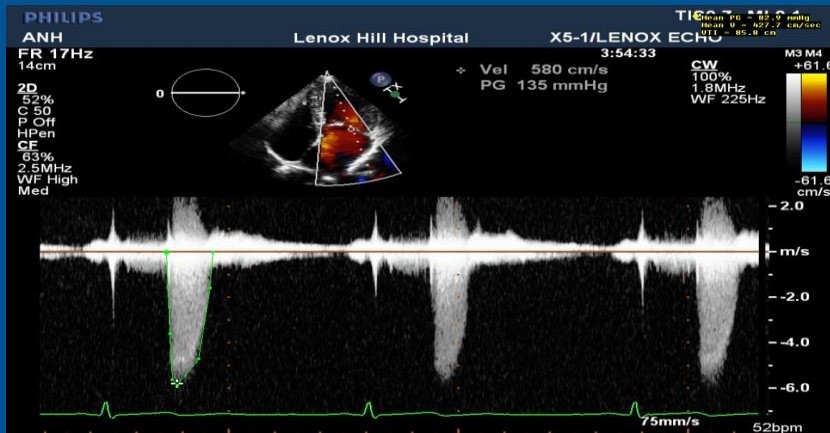
What is the main physical finding?



1. Holosystolic murmur
2. Click
3. Diastolic rumble
4. Gallop

The CW transducer is at the apex

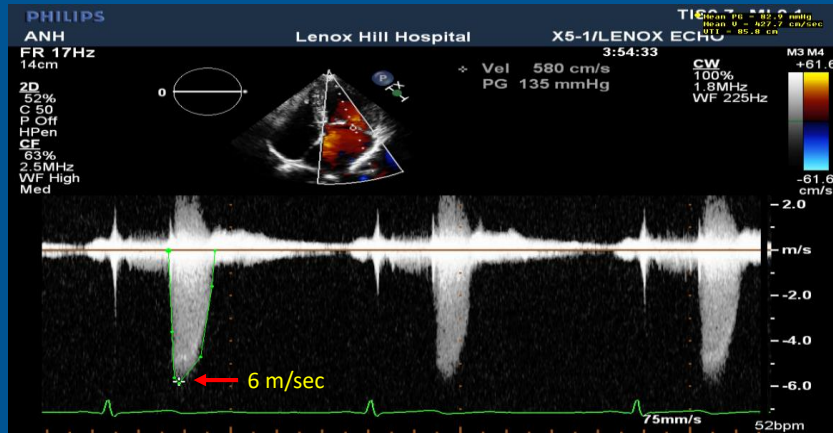
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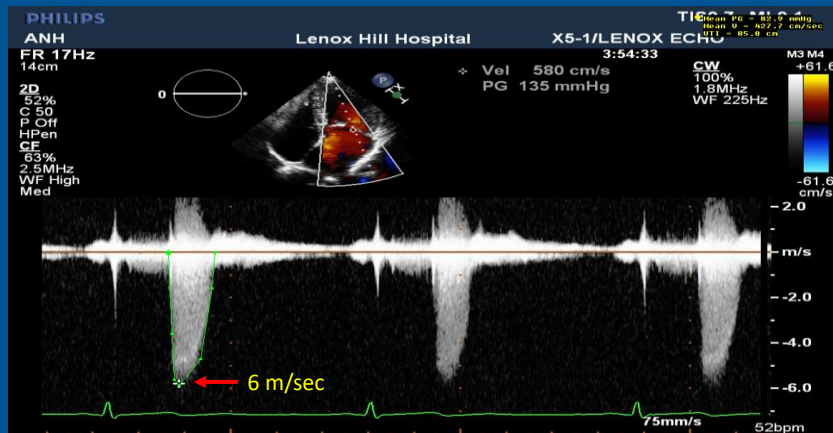
Based on this tracing , what disorder does this patient also have?



1. Hypertension
2. Atypical Chest Pains
3. Paroxysmal Atrial Fibrillation
4. Aortic Insufficiency

The CW transducer is at the apex

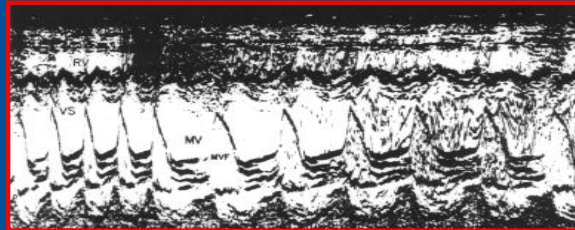
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M-Mode: after IV injection of Saline

WHAT IS THE DIAGNOSIS?

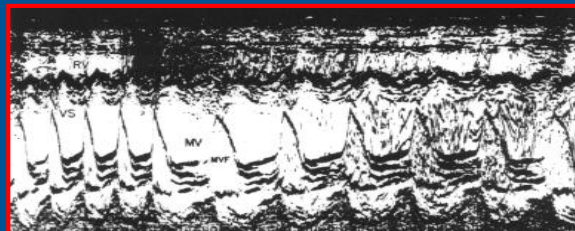


1. ASD, R to L shunt
2. VSD, R to L shunt
3. PDA, R to L shunt
4. Pulmonary AV fistula

Courtesy Tajik & Teward

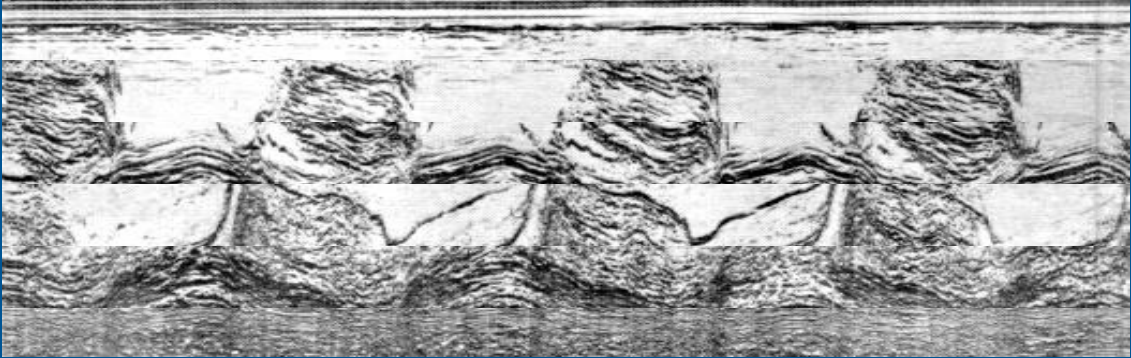
M-Mode: after IV injection of Saline

WHAT IS THE DIAGNOSIS?



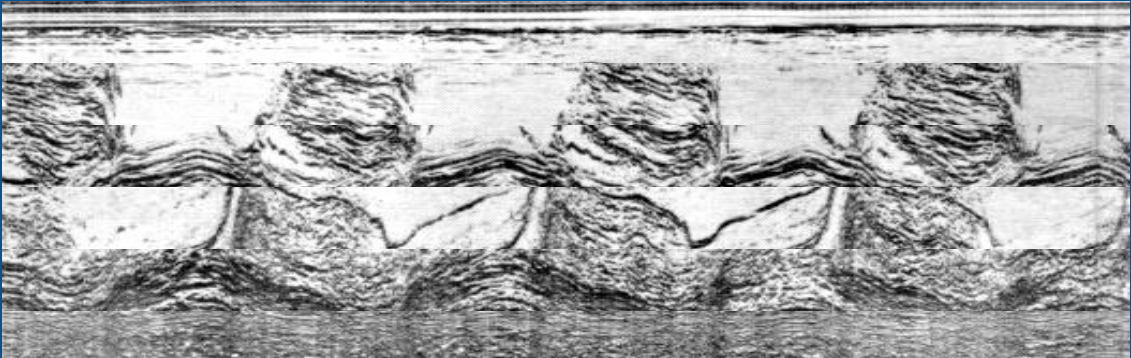
1. ASD, R to L shunt
2. VSD, R to L shunt
3. PDA, R to L shunt
4. **Pulmonary AV fistula**

Courtesy Tajik & Teward



Name the Syndrome

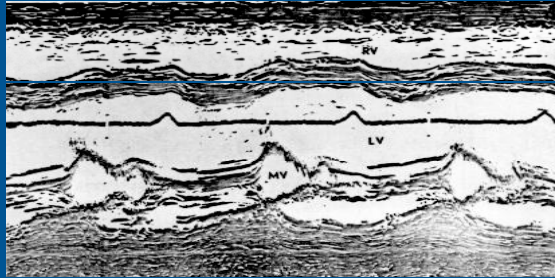
- | | |
|-----------|-----------|
| 1) Shone | 3) Carney |
| 2) Noonan | 4) Turner |



Name the Syndrome

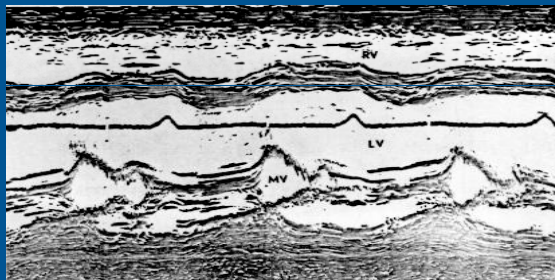
- | | |
|-----------|------------------|
| 1) Shone | 3) Carney |
| 2) Noonan | 4) Turner |

A patient with this finding will have, most likely, this murmur



- A) Apical Holosystolic
- B) Apical Diastolic Rumble
- C) Low pitch mid-diastolic at the Rt Base
- D) Systolic ejection increased with Valsalva

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Austin-Flint Murmur